

ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to provide a three-terminal type solid electrolytic capacitor which can reduce the ESL and is suitable
5 for being mounted on or built in a circuit board and a circuit board having the built-in three-terminal type solid electrolytic capacitor, and methods for manufacturing them.

An electrode body 100 of a solid electrolytic capacitor component includes a foil-like aluminum substrate 2 whose surface is roughened or
10 enlarged and which is formed with an aluminum oxide film the surface thereof as an insulating oxide film, two foil-like aluminum substrates 3a, 3b whose surfaces are not roughened, and two foil-like copper substrates 4a,4b as a metal electric conductor for constituting a lead electrode. On the whole surface of the foil-like aluminum substrate 2, an anode
15 electrode 14 including a solid high molecular polymer electrolyte layer 11, a graphite paste layer 12 and a silver paste layer 13 is formed. The thus constituted solid electrolytic capacitor component 110 is accommodated in a substantially closed space defined by a first insulating substrate 21 and a second insulating substrate 22, thereby fabricating a three-terminal
20 type solid electrolytic capacitor.